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PAGE: 1 of 1

BRAKE PRESSURES AND DISPLACEMENTS

This section defines the Hydraulic Pressure versus Fluid Displacement and Brake Valve Lever Travel for the Main and Nose Wheel Brakes.

1. The maximum fluid displacement required to make disc contact from initial running clearance for the Main Wheel Brakes shall be 3.13 cubic inches per brake and 2.77 cubic inches per brake for the Nose Wheel Brakes.

2. The Main and Nose Wheel Brake Pressure and Brake Valve Lever Travel shall not exceed the values shown below:

(The Pressure Values are predicted and subject to change pending results of Dynamometer tests).

	Brake Press. (PSI)	Lever Travel (Inches)
NOSE	0 +100 - 0	.25
	600 ± 150	.49
MAIN	0 +70 - 0	.29
	1200 ± 150	.82

3. The maximum rate of wear of the Nose Wheel and Main Wheel Brake Linings shall not exceed an equivalent hydraulic flow rate of 1.4 cubic inch per second per brake.
4. The maximum brake displacement with worn brakes shall not exceed 24 cubic inches per brake for the Main Wheel Brakes and 20.3 cubic inches per brake for the Nose Wheel Brakes.
5. The maximum brake displacement from disc contact to maximum pressure shall not exceed 1 cubic inch per brake for the Main Wheel Brakes and .28 cubic inch per brake for the Nose Wheel Brake.

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